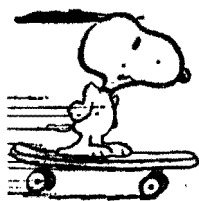


NORTHERN SAN DIEGO COUNTY



VOL. XII, NO. 10



THE PALOMAR AMATEUR RADIO CLUB
P.O. BOX 1603
VISTA, CA 92083

OCTOBER, 1977

PRESIDENT: BOB HEITGER, WA6KZN, CARLSBAD
VICE PRESIDENT: RON EARL, WA6WVX, SAN DIEGO
SECRETARY: BILL COUNTRYMAN, WA6AEZ, OCEANSIDE
TREASURER: JIM CHURCH, K6\$LA, VISTA

What with the changes in the Club's constitution and by-laws, if you're a club member, you get the SCOPE whether you want it or not (somebody wants it already?). If you're not a club member, you can get the SCOPE for \$2.50 a year. If you're foolish enough to subscribe, make your check payable to the Palomar Amateur Radio Club and get it into the hands of the Treasurer at the address in the masthead (whatever that is).

Membership in the previously described PALOMAR AMATEUR RADIO CLUB is available for the nominal sum of dollars seven and one-half (\$7.50). Contact any club officer on the air or in person (eyeball-to-eyeball). It'll cost you the foregoing \$\$\$ and a completed membership application. And of course, from the editorial point of view, the biggest bargain of all is that this paltry fee includes our magnificent newsletter at no extra cost (other than your sanity).

The Palomar Amateur Radio Club operates WR6AII, a 2M repeater on 146.13 MHz input and 146.73 MHz output for club members and occasional transient users. The repeater is located on Mount Palomar; and provides excellent coverage of San Diego County west of the mountains.

The October meeting of the Palomar Amateur Radio Club will, without fail, probably take place at 7:30 of the evening on Wednesday the 5th (of October, hopefully) in the Great Hall of Glendale Federal Savings and Loan at the Corner of Anza and East Vista Way in ever-lovely-Vista (CA 92083, that is). The program for the evening will be a slide and cassette presentation on "NAVSTAR", General Positioning System Primary for world wide navigation of surface and subsurface craft and aircraft. The Club is indebted to Keith Cordrey, W6KVR, of Newport Beach for this presentation. Please remember to save the parking spaces near the door on Anza for the wheelchair set.

The October PALOMAR AMATEUR RADIO CLUB-SWAN ELECTRONICS Flea Mart will be held from daybreak 'til high noon or thereabouts on Saturday the 1st (of October if fortune smiles) in the SWAN ELECTRONICS parking lot (parking for ducks, geese, and brant electronics not available) on Airport Road in always-foggy Oceanside (CA 92054). If you can't find it, don't call us, we'll call you - or you can ask on WR6AII and someone can talk you in (if they're not all at the Flea Mart). SWAN parking lot parking is for vendors only, please - or else - or else we'll cut off your subscription. Clean out your garage and/or ham shack and bring the refuse therefrom to the anxiously-waiting buyers. There's a buyer for everything - ask W6JSL.

We still owe \$900 and a little on our beeyootiful new Motorola repeater. Our club members and some of our local electronics manufacturers and retailers have been very good in support of the new repeater. Your donations have been most generous. We obviously still need nearly \$1,000, so here goes this month's beat on the drum. We can use more donations. You can give yourself one or more chances at the prizes listed below by donating a dollar per ticket. One ticket, one chance at a prize. The prizes were donated by the folks listed, the numbers indicate the order in which the prizes will be drawn for. Atlas Radio: 1, 5, 8, 10 & 16, antenna transformers. 2, 3, 7, 12 & 15, dummy loads. WestCom: 4 & 13, 80W 2M amplifiers. Ham Radio Outlet: 11, Dentron Antenna Tuner. Radio Shack: 14, Patrolman 3 receiver. Gary Radio: 17, Yaesu 2M transceiver. Prizes 6, 210X digital frequency counter; and 9, an MFJ Super Tuner, were donated by mysterious admirers. It isn't necessary to donate for tickets. You may donate equipment or parts to be sold at the Club Table at the Flea Marts. Any way that you can help the Club to pay for the repeater is fine.

(Drum beating for repeater funds continued, no doubt)
The lucky winners of the prizes listed previously (no doubt) will be determined at a drawing to be held at 10:00 of the morning on Saturday, December 3, 1977, at the Flea Mart in the SWAN ELECTRONICS parking lot on Airport Road in Oceanburg. It is not necessary to be present to win (or lose, for that matter); so donate a batch and get a batch of chances.
End of drum beating - for this issue.

Get instant recognition by springing for an OOOOFICIAL PALOMAR AMATEUR RADIO CLUB cheapy badge. Speak to the Trea\$urer in moneyed tones and he'll leap into action (not off a springy springboard, hopefully); and order a badge from the Cheapy Badge Company with your name and callsign on it. If you've got something to hide, you can always order your badge with someone else's name and call. Beware, though. No refunds in the event of identity crises. Anyway, we're looking forward to seeing you - if we can tell who in the blue-eyed world you are.

Joining or re-joining the American Radio Relay League? Glad to hear it. Give the Club a break and do it via the Club, which will get a big, fat dollar and one-half. It's painless, too! Won't cost you a pretty penny (or a red scent, sent, cent?) more than if direct liaison were authorized. Make your check payable to the Palomar Amateur Radio Club; and get it to our e\$teemed Trea\$urer (if you're reenlisting, please enclose your QST mailing label and renewal card). The tab is \$12 for one year, \$23 for two, \$33 for three, \$43 for four, and \$53 for five. It's better for the Club if you ship over every year rather than go the long term route, since the Club only gets \$1½ for each reenlistment, no matter for how long. If you decide to go the lifer route with the aforesaid League of American Radio Relayers, direct liaison is authorized with HEADQUARTERS in Newington (CT 06111 no doubt). Don't bother OUR Trea\$urer with it since the Club doesn't even get a sniff, much less a RED CENT of your lifer dough. Stick to the annual renewal route and the Club will get rich while you go broke in installments rather than in one Lifer Lump (\$240!!!).

GNU SCOPE SWEEKERS SUBSCRIBERS: Mike Havins, WB6TBH.

GNU AND RE-NUDE PALOMAR AMATEUR RADIO CLUB MEMBERS: Helen Miller, WA6EZI; Bill Dewey, WD6AHW; Pat Dewey; Bob Findlay, W6NZX/W7KMC; Paul Norman, K6NZ; Bill Gay, WA6PNY; Bill Watt, WA6HYC; Jack Porter, K6EQN; Lloyd Hunt, W6TFB; Bill Parrish, WA6VKK; Bill Gilmour, W6VTV; Frank Willimas, W6MIR; Frank Bornowski, W6TBI; Al King, W6SSL; Max Sperry, K6JNL; Ed Vigueur, WALSJ; and George Smith, WB6DFF. Thanks for enlisting and reenlisting in the PARC. We appreciate your support of the Club, its repeater and its activities. And the EDITOR appreciates a larger captive audience!

FORESAIL (That may be a jib to some but it's a jibe to us):

Panasonic boom mike headset with speech amplifier - ideal for mobile use, weight three ounces, \$50. Call Frank, W6TBI, at 445-5625.

CDR Ham-M rotor 252-50 w/control, cable and manual, \$89. Hy-Gain 153-BA 15M beam with manual. Call Will, W2FWV, at 432-3277.

Heath SB301, SB401, SB200 with all accessories. Call Dave, WA6HQM, at 753-2605.

Two Model 28 KSR's, one like new table top with gear shift and non-overline; one floor model with selector magnet driver. Two Model 28 Typing reperferators, 60 and 100 wpm. One Model 28RO Reperferator with gear shift, 60-75-100 wpm. Two ST-6 terminal units, both have AK-1s. Have ordered computer, need space. Call Phil, K6ROR at 724-0098.

Collins R-390 general coverage receiver w/manual, \$250. Two floor model 28 KSRs, one 60 and one 100wpm. Call Ralph, K6HAV, at 499-2921.

WANTED: (Chloe!):

Telephone answering device (preferably FCC type-approved). Record function need not be in working condition. Wanted for repeater control in WR6AII system. Price must be cheap, cheep, cheap. Call Walt, W6SCI, at 729-7846 or on WR6AII. If a man answers, hang up.

ARRL BULLETINS OF INTEREST (Doubtlessly)

Official Bulletin 665 of August 18 concerned the September VHF Party.

Official Bulletin 666 of August 25 said: Effective immediately, applicants for FCC administered amateur radio examinations are no longer required to demonstrate proficiency in sending the Morse Code. Note that only the sending test has been abolished. The code receiving test continues as usual. Please note further that the abolishment of the code sending test applies only to tests administered by an FCC examiner. In other words, volunteer examiners conducting Novice examinations must continue to ascertain that applicants can both send and receive Morse Code at 5 words per minute. Details October QST.

Official Bulletin 667 of September 1 said: Nominations are now in order for appointments to ARRL Advisory Committees. The current committees are the Emergency Communications Advisory Committee, the VHF Repeater Advisory Committee, the VHF/UHF Advisory Committee, the Contest Advisory Committee and the DX Advisory Committee. Candidates must be nominated by at least 3 full members of ARRL and must have been a League member for a minimum of two years, licensed as a Technician or higher for 3 or more years and currently and consistently active in one of the specialty areas. Convenient nominating forms are available from ARRL, 225 Main Street, Newington, CT 06111. Full details on the committees, including a list of current members, starts on page 64 of the September QST.

Thanks to N6AT, Frank Cassen, our North County Emergency Coordinator for the preceding bulletins.

Official Bulletin 671 of September 22 was copied by WB6RWP, Terry; and passed via land line to our former guessed typist, who took it in shorthand for Ye Olde Ed. It said: On September 21, 1977, the FCC acted on Docket 21033, Repeater Rule Simplification. Effective immediately no new applications for new repeater, auxiliary link, and control station licenses will be accepted. The following are also effective November 4, 1977. Distinct licenses for repeaters, auxiliary link and control stations will be eliminated. These modes of operation will become privileges inherent in all individual primary licenses and club station licenses. This means that distinctive WR prefixes for repeaters are being abolished. However present repeater, auxiliary link and control station licenses remain in effect until expiration, at which time they will be renewable. Also, applications for repeater station licenses now on file will be dismissed without action. Portable and mobile operation of auxiliary link stations has been approved. In addition to the present repeater subbands the following frequencies have been made available for repeater use: 144.5-145.5 MHz, 220 MHz and up, except for 435-438 MHz. Technician class licensees have been granted additional privileges at 144.5-145 MHz so that they may use the newly created repeater subband on 2 meters. This gives Technicians privileges on 144.5-148 MHz in all on 2 meters. The identification interval for repeaters has been extended to at least once each ten minutes. Stations operating in the repeater mode shall identify either by phone by adding the word repeater after the primary call sign, or by CW by following the primary call with /rpt. Stations operating in the auxiliary link mode (or control mode - the control function has been combined with that of auxiliary link) shall identify either by phone by appending the word auxiliary after the primary call, or by CW by including /aux after the primary call. Transmissions from open access automatically controlled repeaters need no longer be monitored or recorded. There was no action taken on the establishment of priorities for frequency use, on modifications of the present effective radiated power versus height above average terrain requirements, or on the elimination of the requirements that a record of third party traffic must be maintained in the log of a repeater station, or of a station operating in the repeater mode.

----- REPEATER:

As predicted with our usual impeccable accuracy in last month's issue, the new Motorola Micor repeater was received; and after a day or two of operation at Repeater Engineer W6NZK's QTH, it was installed in its permanent home on Mount Palomar. IT SOUNDS GREAT; and performs the same way. The present antenna orientation favors the south more than previously so it's (Continued in our next - hopefully)

not as good as previous in Orange County, but we copied Mike, W6AAM, solidly until his transistors tired of the strain of the long haul. We do copy WR6AII solidly from our favorite hill in South Laguna and from Dana Point. It sounds just like old times to hear all the old familiar calls; and again we hear a whole batch of new ones. We're sure glad to hear WR6AII from Palomar again after a year's hiatus.

The Club's policy has long been to operate an open repeater for the use of its club members and occasional use by transient operators. As we've said before, contributions to help pay for the new machine are truly welcome.

DOWN THE TOOBE (Or should it be IC)

W6VTV, Bill Gilmour, sent along a nice repeater check to help pay for the new machine. Sorry to report that Bill is in Scripp's Hospital after what may have been a heart attack while he was in the high Sierras. W6TBI reports that Bill is doing better; and is on the repeater from the hospital with an HT.

While we're on "sick call", we've received a report from Oscar, W6BIH, that he's home from stays in Tri-City and Sharp's Hospitals. Oscar says that he had a triple by-pass open heart procedure done at the later; and that he is slowly recuperating at home in Vista.

(Continued somewhere - probably)

Due to the mature nature of the following material, discretion is advised.

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DOWN THE TOOBE (Or up the transistor, mebbe?)

Pheerless leader, WA6KZN, and family drove their new delivery truck (a 30th wedding anniversary present) up to visit the EDITOR last evening. Naturally, Bob has joined W6JSL and K6EJO in the Mercedes Benz delivery truck category. Not too shabby! Course Bob and Joanne anticipated their anniversary by a month or two, but then maybe by that time they'll find something to trade Bob's Opel in on.....

While WA6VYD and WB6VYC are getting their computer into operation, K6ROR has decided to go the Heathkit route for his. Phil has opted for the whole works and expects to have it by mid-November or so. Hope you get it operational before you find a buyer for the RTTY gear, Phil - sure would hate to go back to hand addressing the SCOPE.

Speaking of WA6VYD, Burr has just gotten back from Chicago, where he represented Atlas Radio at a convention - and just incidentally picked up a much-needed part for his computer.

WA6SCV was seen in the local area recently after sojourning in Utah, where Dick was helping his son build a house.

The Antarctic's loss is our gain. WB6RWP, Terry, is not going down to winter over on the southernmost continent. Sorry that you've been disappointed, Terry, but we're glad that you're going to be around. Bet that Lenore's not going to be unhappy. Hope you can afford a second car!

We stopped in to see Jim, K6\$LA and his XYL, Penny, at their one-year-new home in the Warmlands area of Veesta. Jim has a bigger shack this time - but then it has to be since he's sharing it with Raymond, WB6PPB, and the garden tools. Jim's beautiful 60' crank-up tower is all ship-shape in 6' of concrete with HF, VHF and UHF antennas on top. Now if we can just figure out which feed line goes to which antenna

"BREAK" separates the heading from the text of amateur message traffic. We also hear it used to interrupt a QSO in progress. The FCC says: "an amateur station shall be identified by the transmission of its call sign at the beginning and end of each single transmission....." Use of your call sign instead of "Break" is not only the legal method of entering a QSO already in progress, but it also eliminates the requirement for the other stations to find out who is the calling station. Try it. You'll like it. Or else.

One of our control stations on the repeater asks that you use a dummy load instead of the repeater when testing the push-to-talk switch on your mike. If any sort of testing is necessary on the repeater, it is a legal requirement that the testing station identify itself. But there is no profit in talking about the legal responsibilities of amateur radio stations since we all were required to know them to get our licenses. Of course, there's also the matters of respect for the rights of others and plain good manners.....

Jim, K6\$LA, reports a recent ten meter contact with WA4CFI, the former WA6KHN, Duane "Walt" Walters. Walt was the Section Emergency Coordinator before he retired from the Marine Corps. Jim reports that Walt is planning a visit to the area in the Spring; and that he will try to make a flea mart or club meeting. We know that many of us, including his old shipmate WA6KZN, will be glad to see Walt after several years of his absence.

Helen, WA6EZI, sent along a nice, fat check for the new repeater; and says she's interested in getting on 2M, but that she doesn't know anything about it. She feels that a handy-talkie would be fun. I'm sure that if she's on any of the high ground in Carlsbad she can hit WR6AII and the Otay machine with an HT.

Frank, W6TBI, sends his congratulations on the "new" repeater on Palomar. We're glad to hear you back up again, Frank. Hope you and Victor Tare Victor live forever.

"SCOPE"

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